

PATENTED NOV. 2nd, 1880.  
PATENTED OCT. 16th, 1881.

Steel Forged, Case Hardened and Highly Polished.

## THE DIAMOND WRENCH.

It is the BEST WRENCH ever offered,

—FOR—

**MECHANICS, FARMERS, AND GENERAL USE.**

### REASONS WHY.

It is forged from solid Steel, Case Hardened, finely fitted and highly polished.

It adjusts more **RAPIDLY** and **ACCURATELY**.

It gives the grip of a vise. Therefore it never **SLIPS** to the injury of the **HANDS** of the **OPERATOR, NUT, WRENCH** or **SURROUNDING MACHINERY**.

The Jaws are in perfect parallel line.

It can be applied or fastened to the corners as well as the face of the nut. This allows giving the **EIGHTH** turn in corners or difficult places the same as ordinary wrenches act on octagon nuts.

In removing nuts from carriages, the wrench is set tightly upon the nut, and the hands are not brought in contact with the black oil.

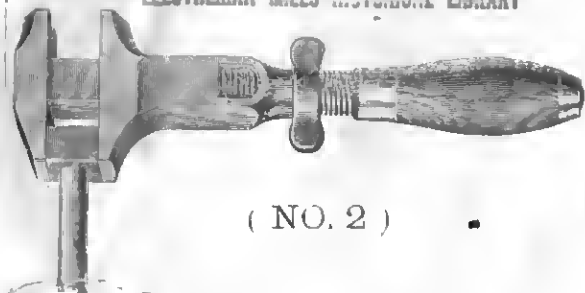
It is a complete **HAND VISE** for holding all articles within its capacity.

**IN USING THE DIAMOND END—IT HOLDS THE NUT WITHOUT SETTING UP THE THUMB-SCREW.**

For sale by all hardware dealers throughout the **UNITED STATES.**

—MANUFACTURED BY—

**DIAMOND WRENCH MFG. CO.,**  
**Portland, Maine.**



( NO. 2 )

## THIS CUT REPRESENTS

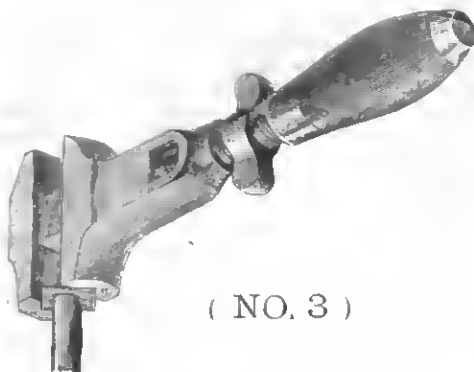
The Diamond Wrench in use with the common Monkey Wrench Jaws. When used in this position simply, it possesses many advantages over ordinary wrenches, among which are rapidity and accuracy of adjustment, without any play or lost motion which tend to wear both nut and wrench.

The advantage of the LEVER, which admits of setting the jaws firmly upon the nut as in a vise where a hard setting or unsetting of the nut is required, to prevent slipping, to the injury of the hands of the operator, surrounding wood-work or machinery.

For holding nuts to be removed from carriages to avoid contact with the black oil, or to obtain a vice grip on any article desired.

The jaws are in exact parallel line so that a perfect fit is made to the nut, and by adjusting the lever firmly, bright nuts on lathes or other machinery are turned without marring the surface, or other injury.

We claim that with these jaws alone the wrench is adapted to a much greater variety of work than any wrench ever heretofore offered, but by reference to cut No. 3, it will be shown it has other and still further advantages.



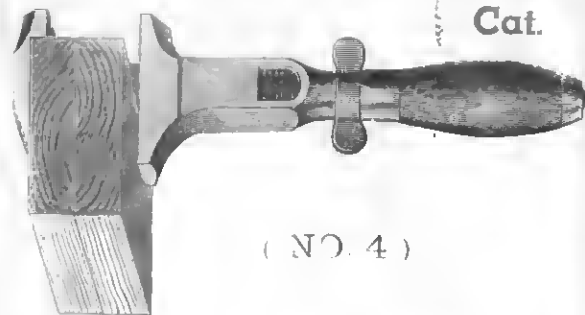
( NO. 3 )

## IN CUT NO. 3.

It will be seen that the nut is in exactly the same position as shown in cut No. 2, while the wrench has an eighth turn toward the operator; Thus by reversing the wrench a nut can be turned in half as limited positions as is done with common wrenches.

This will be appreciated by all mill owners and others using wrenches to adjust the set screws on pulleys and in many other places where a quarter turn is not permitted owing to the confined position in which the nut or set screws are placed and which have heretofore required special wrenches.

When the wrench is operated as shown in this cut, the setting up of the lever on the bar is unnecessary as there is no back thrust and the sliding jaw maintains its adjustment of itself owing to its peculiar construction, thus several nuts of varying sizes can be turned as quickly as the same number of an equal size, it being simply necessary for the operator, with the thumb placed in the opening shown in the slide, to push the slide forward or backward to fit the nut to be turned.



( NO. 4 )

## THE DIAMOND WRENCH

As shown in figures Nos. 1 and 4, is a complete Hand Vise for holding articles for gluing, filing, or other purposes to which a hand vise is applicable.

For these purposes, about the Machine Shop, Factory, Work Shop, or Farm, it will be found an almost invaluable tool and few having tested their utility would care to be without one.

It is in all respects the superior of the monkey wrench on work to which the monkey wrench is adapted besides the general convenience as already shown in this circular.

The price is only slightly in excess of the better class of monkey wrenches and for the quality of material and style in which it is finished, it is the cheapest tool ever offered.

**DIRECTIONS:**—Keep the Screw clean with waste and the lever will run freely on the bar. Do not allow it to clog with oil or dirt.

A simple curved spring holds the sliding jaw in any desired position. It can be readjusted to hold the jaw lightly or firmly by removing the handle.

(OVER.)